

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

1a. TYPE OF WELL:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 800, Denver, Colorado 80201 (303) 830-5039

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 890 FSL 890 FEL UNIT P
At top prod. interval reported below
At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
10/24/80

16. DATE T.D. REACHED
11/01/80

17. DATE COMPL. (Ready to prod.)
10/18/86 11/27/80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6142 GL

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD
7014

21. PLUG, BACK T.D., MD & TVD
6993

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
ROTARY TOOLS YES
CABLE TOOLS NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
4360-4964 Blanco Mesaverde

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36 #	272'	12.25"	225 sx Class B + 2% calci-2	
7"	23 #	3511	8.750 "	400 sxs 50/50 Poz, 100 sxs class B	
4 1/2" L	10.5#	7011	6.50"	200 sx Lite 4% CFR-2 & 150 sxs class B w/ 4% CFR-2	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4.50"	3301	7011	150 sxs 350	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375"	6804- 6970'	

31. PERFORATION RECORD (Interval size and number)
See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
DATE OF TEST 11 07 1985	HOURS TESTED 7	CHOKE SIZE 1/2"
FLOW TUBING PRESS. 265 psi	CASING PRESSURE 590	CALCULATED 24-HOUR RATE

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Perforation & Fracture Information

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Nancy Whitaker TITLE Staff Assistant

FARMINGTON DISTRICT OFFICE DATE 11-13-1996

*(See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

MIRJUSU 10/14/96----

Set slickline plug at 4190 ft. Tagged up @ 6993'. Well has 115 feet of fill to clean out. Cleaned out sand from 6878' to 6993'. Well flowed for 1 hour, no additional fill. Used 3.875" bit and 4/5" scrapper on clean out.

Reperforated the Basin Dakota: 6796 - 6806, 6835 - 6852, 6900 - 6904, 6912 - 6918, 6933 - 6944, 6950 - 6979 with 2 JSPF and .38" diameter, 12.5 GMS, with 120 degree phasing.

Set composite plastic plug at 6750'. Spot 1 sack of sand for differential pressure strength. Pressure tested plug to 500 psi. Held okay.

Ran CBL Collar Locator and Gamma Ray Logs. Pressure tested casing to 2300 PSI. Held okay.

Perforated bottom of the Mesaverde: 4708, 4712, 4718, 4724, 4738, 4744, 4749, 4770, 4772, 4779, 4800, 4806, 4816, 4818, 4842, 4860, 4870, 4882, 4938, 4964 with 2 JSPF, .38" diameter, 12.5 GMS and 120 degree phasing with 3.125" gun.

~~Set RBP at 4690'.~~ ^{4708-4964'} Acidize well at ~~4360-4638'~~ with 22 bbls of fresh water, with 12 bbls 7.50% Hydrochloric acid. Max pressure was 1426 PSI, 2 bbls per minute. SI 5 min pressure was 1500 PSI. Fraced well with 2,451 bbls of 70% quality foam and water, 77,722#s of 16/30 Arizona Sand and 873,339 SCF Nitrogen. Max Pressure 1750 PSI. Max Rate 45 BPM. ISIP 1517.

Flowed back well 77 hours, with 1/4" to 2" choke. Recovered 248 bbls of water and trace of oil. Set Composite Plastic Plug at 4690'. Spot sand on plug for differential strength. Pressure tested casing to 2500 PSI. Held okay.

Perforated top of Mesaverde: 4360, 4366, 4398, 4452, 4456, 4453, 4466, 4468, 4474, 4476, 4506, 4524, 4526, 4546, 4548, 4553, 4634, 4638 with 1 JSPF, .38" diameter, 120 degree phasing and 12.5 GMS with 3.125" gun.

Acicized from 4360 to 4638' with 12 bbls of 7.5% acid. Max pressure was 1500 PSI, with max rate of 4.5 BPM. ISIP: 1200 psi. Good ball action, did not ball off. Fraced 4360 - 4638 with 382 bbls of 70% quality foam and water, 43,836#s of 16/30 Arizona Sand and 737,176 SCF Nitrogen. Max Pressure 2928 psi. Max rate was 40 BPM. ISIP 2411 psi.

Flowed back well 75 hours with 1/4" to 3/4" choke. Recovered 156 bbls of water, 1895 MCF gas and trace of oil. Cleanout sand 4446 to 4693'. TIH to PBTD, no fill.

Landed 2 3/8" tubing at 6970'.

RDMOSU 11/8/96.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MPAS DEPTH	TRUE VERT DEPTH
Cliffhouse Nebefee Pt Lookout Gallup	4100 4413 4680 4783			Greenhorn	8034	